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PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Application Number	09/652,116
Filing Date	08/29/2000
First Named Inventor	James D. Barnette
Art Unit	2631
Examiner Name	Qutbuddin Ghulamali
Attorney Docket Number	J. BARNETTE 2-2

Sheet 1 of 3

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 6,434,233	08/15/2002	Bjarnason, et al.	
		US- 5,809,033	09/15/1998	Turner, et al.	
		US- 5,604,769	02/18/1997	Wang	
		US- 5,512,898	04/30/1996	Norsworthy, et al.	
		US- 5,732,107	03/24/1998	Phillips, et al.	
		US- 6,240,128 B1	05/29/2001	Banerjea, et al.	
		US- 5,418,849	05/23/1995	Cannalire, et al.	
		US- 5,353,279	10/04/1994	Koyama	
		US- 4,924,492	05/08/1990	Gitlin, et al.	
		US- 5,841,809	11/24/1998	Koizumi, et al.	
		US- 5,396,517	03/07/1995	Yedid, et al.	
		US- 4,707,824	11/17/1987	Kanemasa	
		US- 5,610,909	03/11/1997	Shaw	
		US- 5,631,899	05/20/1997	Duttweiler	
		US- 5,668,794	09/16/1997	McCaslin, et al.	
		US- 5,926,505	07/20/1999	Long	
		US- 5,970,137	10/19/1999	LeDamany, et al.	
		US- 6,526,139	02/25/2003	Rousell, et al.	
		US- 6,532,289	03/11/2003	Magid	

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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
06/08/2004	HVUONG1	0000029 09652116				
01 FC:1806		180.00 OP				

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First Named Inventor	James D. Barnette
Art Unit	2631
Examiner Name	Qutbuddin Ghulamali Technology Center 2600
Attorney Docket Number	J. BARNETTE 2-2

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Floyd M. Gardner "Interpolation in Digital Modems - Part I: Fundamentals" IEEE Transactoins on Communications, Vol. 41, No. 3, March 1993; pp. 501-507	
		Lars Erup, et al. "Interpolation in Digital Modems - Part II: Implementation and Performance" IEEE Transactions on Communications, Vol. 41, No. 6, June 1993; pp. 998-1008	
		Mandeep Singh Chadha, et al. U.S. Patent Application Serial No. 09/650,851, filed 08/29/2000 entitled "Filter Circuit for a Bit Pump and Method of Configuring the Same"; pp. 1-57; 7 drawing sheets	
		Mandeep Singh Chadha, et al.; U.S. Patent Application Serial No. 09/650,854, filed 08/29/2000 entitled "Separation Circuit for an Echo Canceling System and Method of Operating the Same"; pp. 1-67; 6 drawing sheets	
		Mandeep Singh Chadha, et al.; U.S. Patent Application Serial No. 09/650,853, filed 08/29/2000 entitled "Echo Canceling System for a Bit Pump and Method of Opearting the Same"; pp. 1-60; 5 drawing sheets	
		James D. Barnette; U.S. Patent Application Serial No. 09/650,850, filed 08/29/2000 entitled "An Interpolator, a Resampler Employing the Interpolator and Method of Interpolating a Signal Associated Therewith"; pp. 1-78; 6 drawing sheets	

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